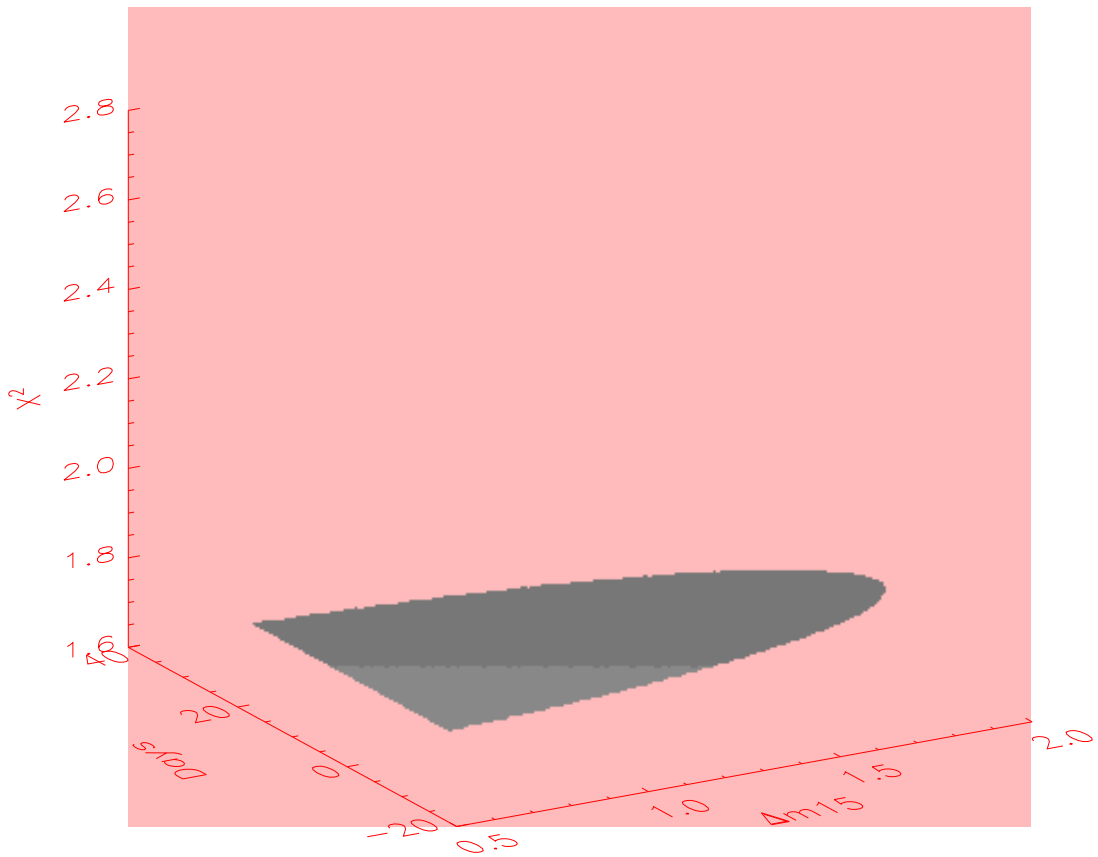
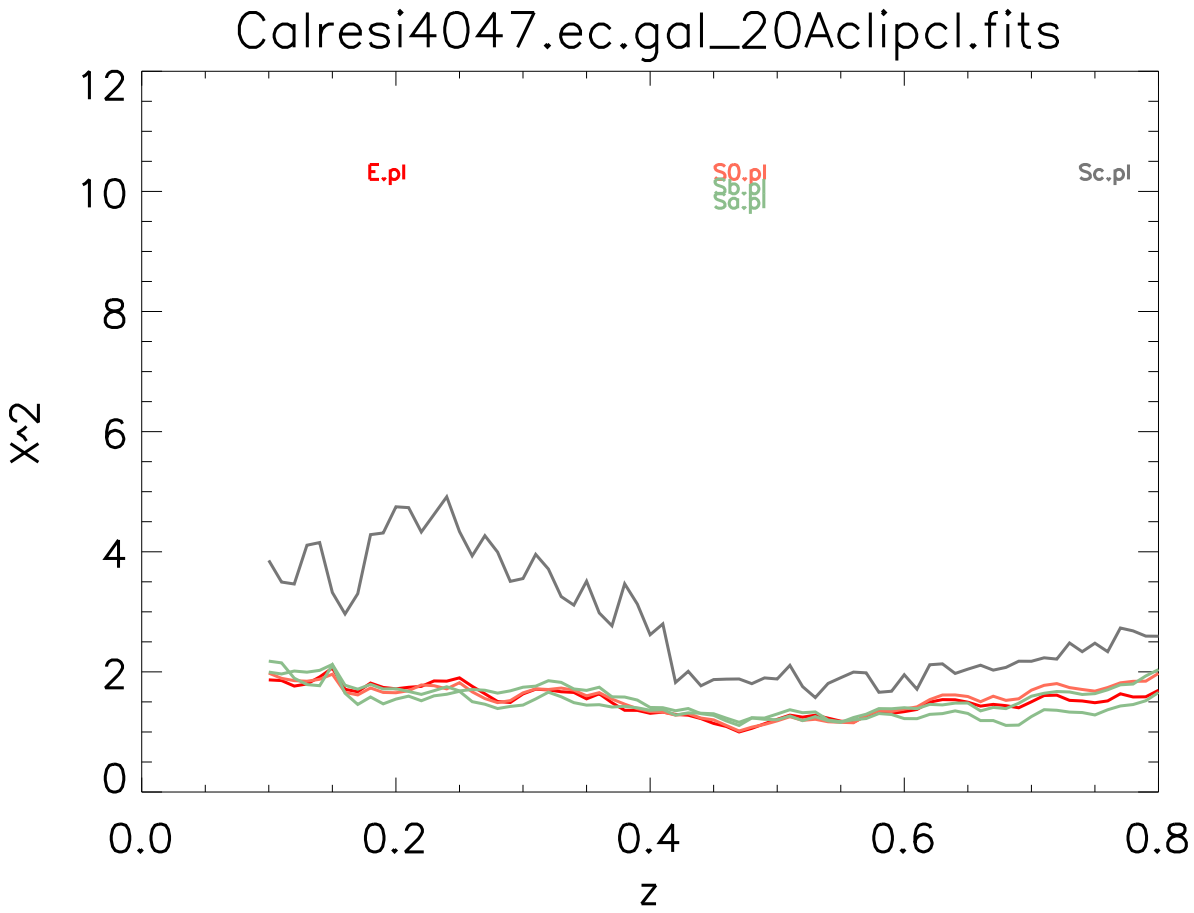
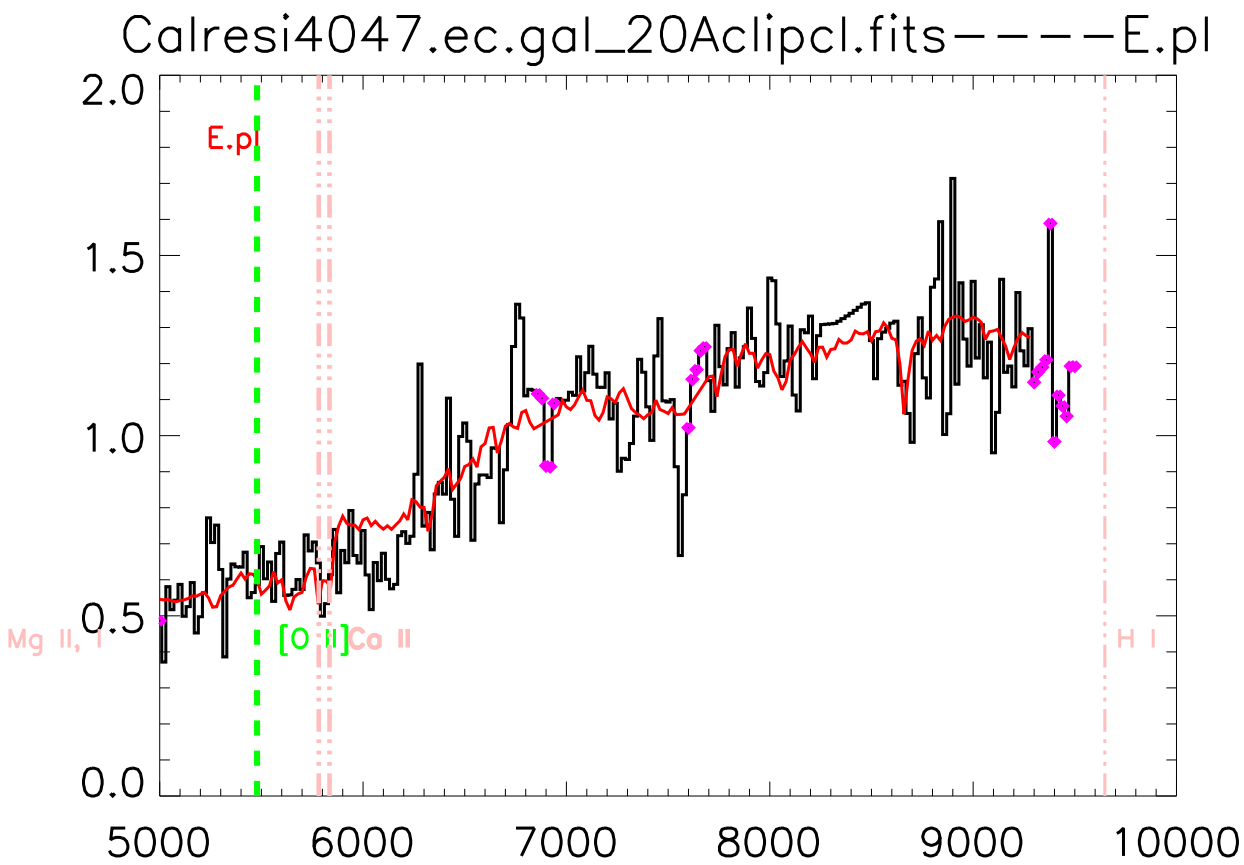
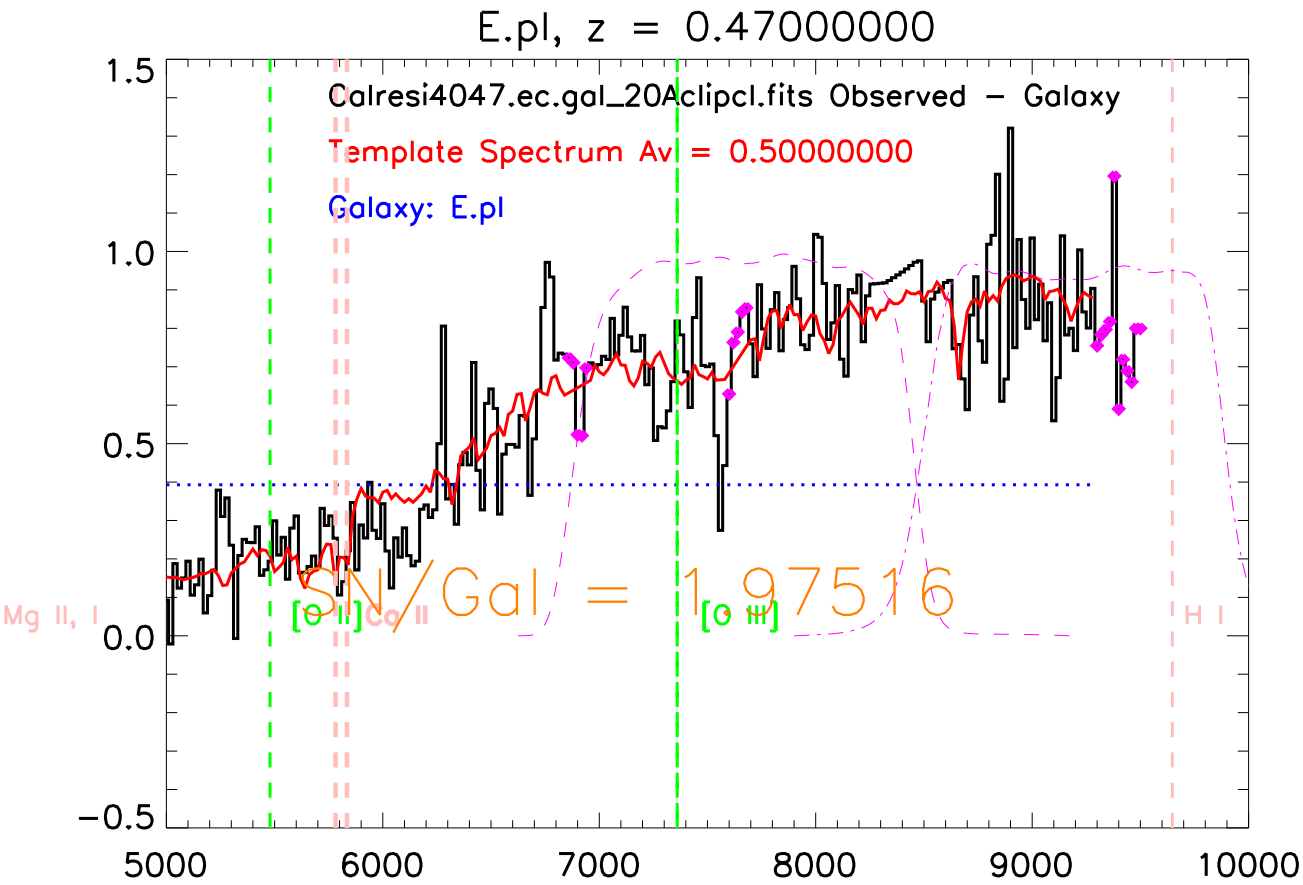
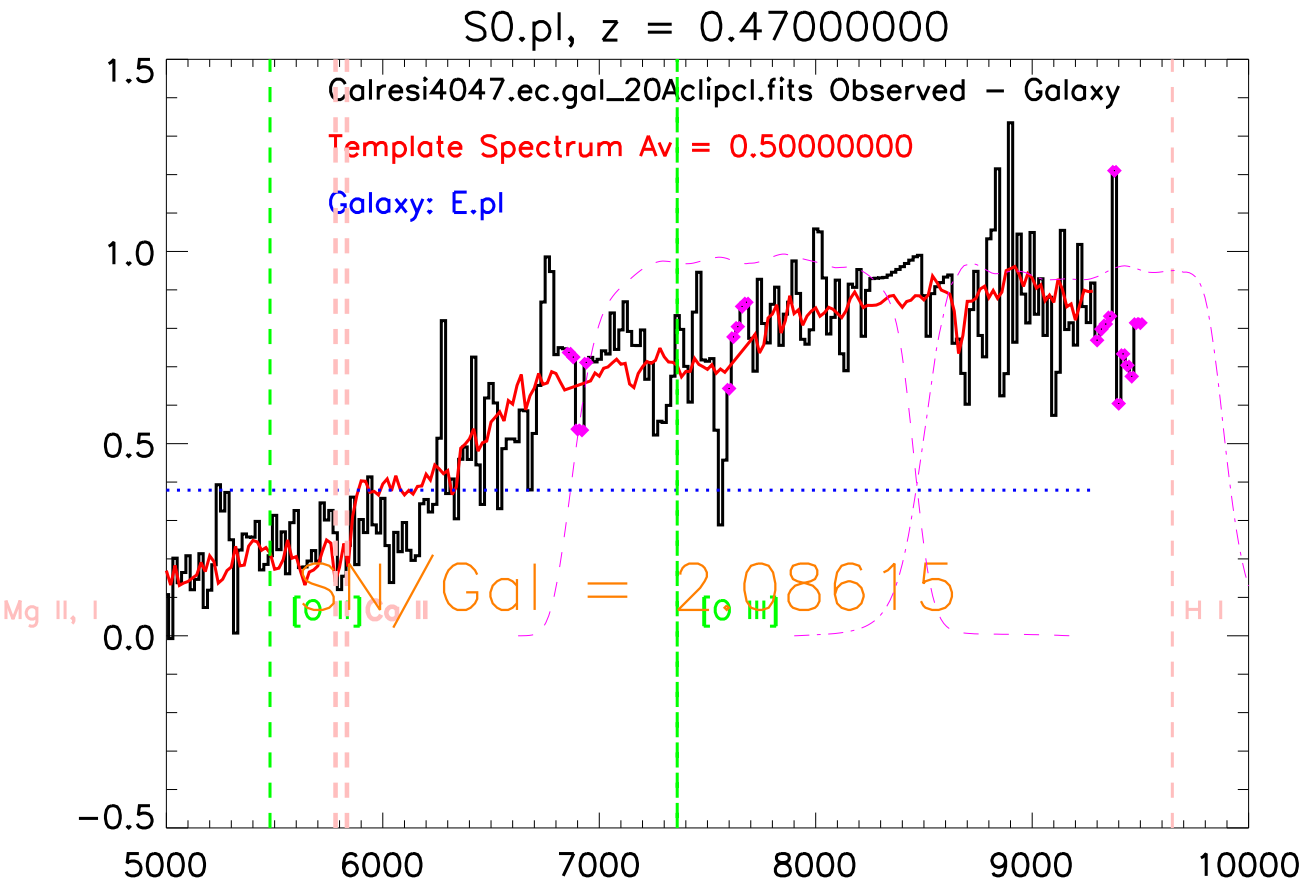
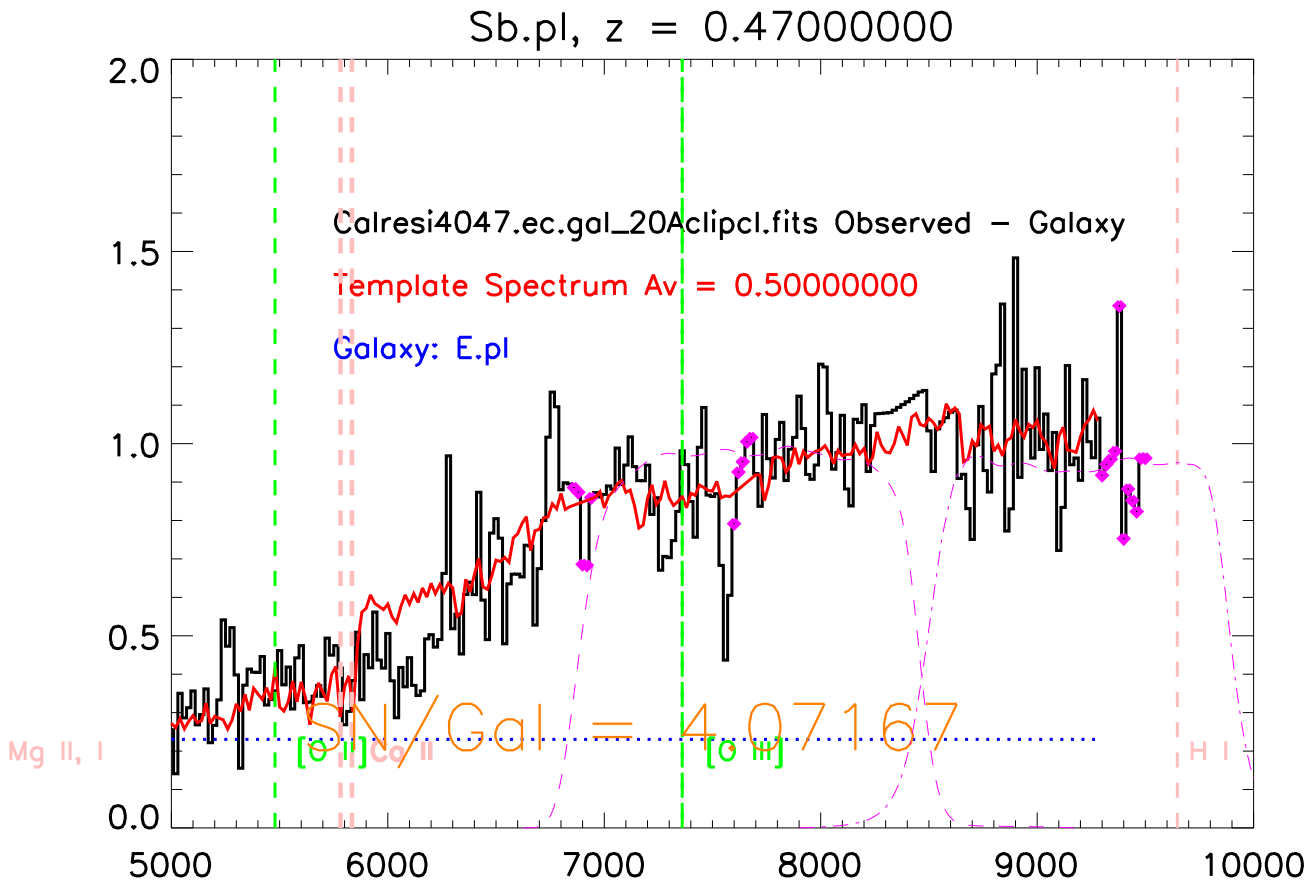

2.8
2.6
2.4
2.2
2.0
1.8
1.6
χ²
40
20
0
−20
Δm15
0.5
1.0
1.5
2.0

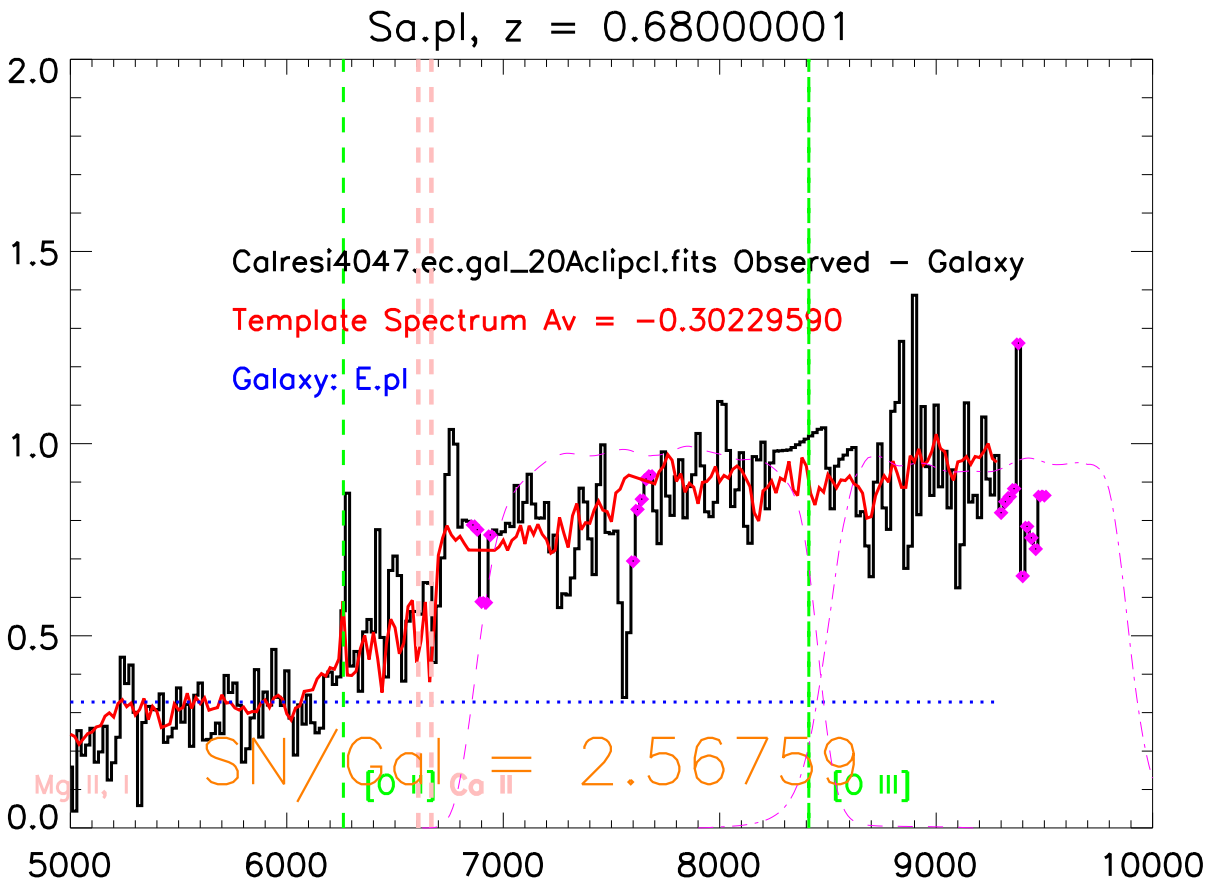

Calresi4047.ec.gal_20Aclipcl.fits
E.pl
S0.pl
Sb.pl
Sa.pl
Sc.pl
X^2
z
0
2
4
6
8
10
12
0.0
0.2
0.4
0.6
0.8

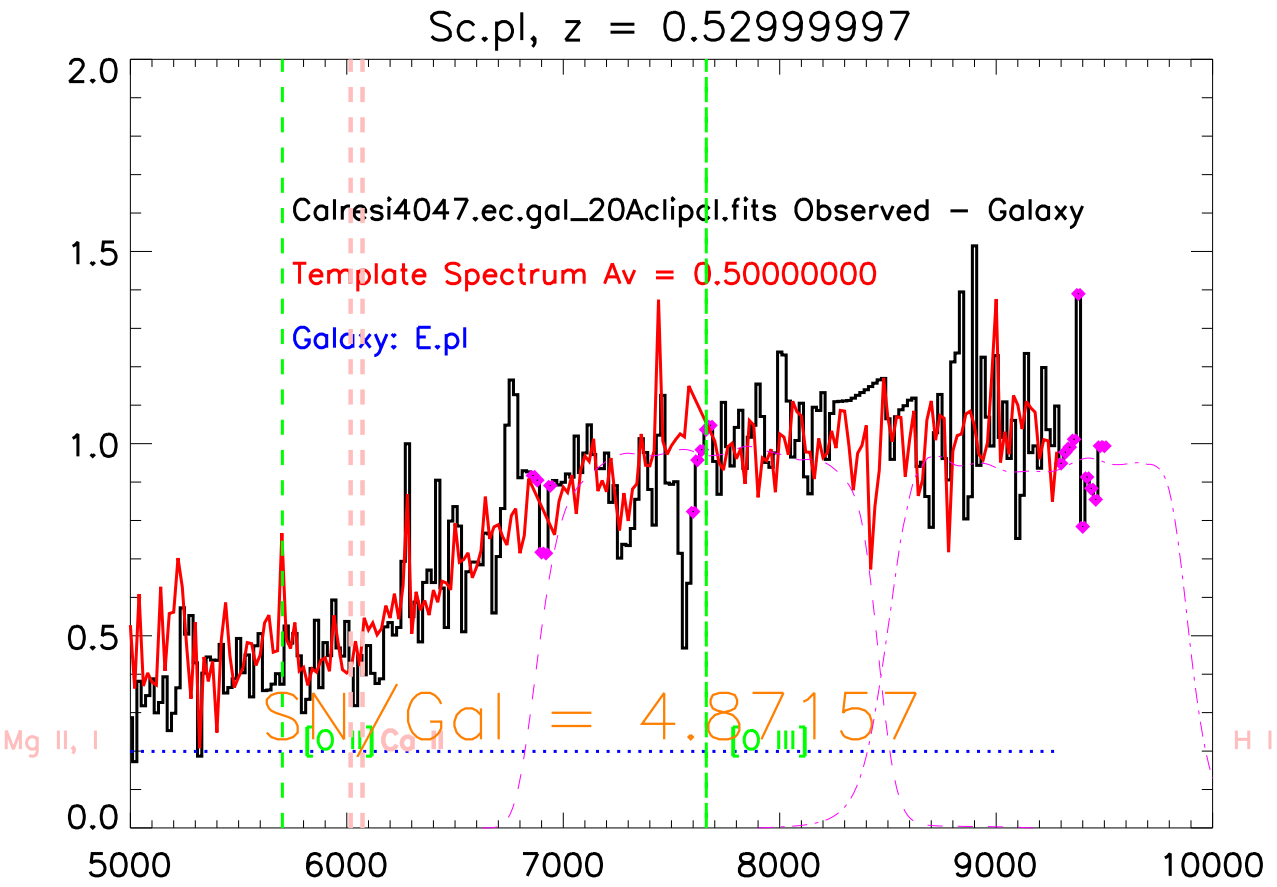

Calresi4047.ec.gal_20Aclipcl.fits----E.pl
2.0
1.5
1.0
0.5
0.0
E.pl
Mg II, I
[O II]
Ca II
H I
5000
6000
7000
8000
9000
10000


E.pl, z = 0.47000000
Calresi4047.ec.gal_20Aclipcl.fits Observed − Galaxy
Template Spectrum Av = 0.50000000
Galaxy: E.pl
S/N/Gal = 1.97516
1.5
1.0
0.5
0.0
−0.5
5000
6000
7000
8000
9000
10000
Mg II, I
[O II]
Ca II
[O III]
H I


S0.pl, z = 0.47000000
Calresi4047.ec.gal_20Aclipcl.fits Observed − Galaxy
Template Spectrum Av = 0.50000000
Galaxy: E.pl
S/N/Gal = 2.08615
Mg II, I
[O II]
Ca II
[O III]
H I
1.5
1.0
0.5
0.0
−0.5
5000
6000
7000
8000
9000
10000


Sb.pl, z = 0.47000000
Calresi4047.ec.gal_20Aclipcl.fits Observed − Galaxy
Template Spectrum Av = 0.50000000
Galaxy: E.pl
S/N/Gal = 4.07167
Mg II, I
[O II]
Ca II
[O III]
H I
2.0
1.5
1.0
0.5
0.0
5000
6000
7000
8000
9000
10000


Sa.pl, z = 0.68000001
Calresi4047.ec.gal_20Aclipcl.fits Observed − Galaxy
Template Spectrum Av = −0.30229590
Galaxy: E.pl
SN/Gal = 2.56759
[O II]
Ca II
[O III]
2.0
1.5
1.0
0.5
0.0
5000
6000
7000
8000
9000
10000


Sc.pl, z = 0.52999997
Calresi4047.ec.gal_20Aclipcl.fits Observed − Galaxy
Template Spectrum Av = 0.50000000
Galaxy: E.pl
S/N/Gal = 4.87157
Mg II, I
[O II]
Ca II
[O III]
H I
2.0
1.5
1.0
0.5
0.0
5000
6000
7000
8000
9000
10000